

In the claims:

Please replace claims 31 and 32 with amended claims 31 and 32 as follows:

*A7* *Part B1*

-- 31. (Amended) A method of generating a variant comprising:  
obtaining a nucleic acid comprising a sequence as set forth in SEQ ID  
NO:1, sequences having at least 70% identity thereto, sequences complementary to SEQ  
ID NO:1 or sequences having at least 70% identity to SEQ ID NO:1, and fragments  
comprising at least 30 consecutive nucleotides thereof, and  
modifying one or more nucleotides in said sequence to another nucleotide,  
deleting one or more nucleotides in said sequence, or adding one or more nucleotides to  
said sequence.

32. (Amended) The method of claim 31, wherein the modifications are  
introduced by a method selected from the group consisting of error-prone PCR, shuffling,  
oligonucleotide-directed mutagenesis, assembly PCR, sexual PCR mutagenesis, in vivo  
mutagenesis, cassette mutagenesis, recursive ensemble mutagenesis, exponential  
ensemble mutagenesis, site-specific mutagenesis, ligation reassembly, gene site saturated  
mutagenesis (GSSM) and any combination thereof. --

Please add claim 52.

*A7*  
activity.

-- 52. (NEW) The method of claim 31, wherein the variant has polymerase

*add B2*